

# Python: module browser.gui\_set\_graphics\_methods

## ***browser.gui\_set\_graphics\_methods***

[index](#)

```
# The PCMDI Data Browser Contour Levels Popup - gui_set_graphics_methods module
#
#####
#
# Module:          gui_set_graphics_methods module
#
# Copyright:      "See file Legal.htm for copyright information."
#
# Authors:        PCMDI Software Team
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#                  support@pcmdi.llnl.gov
#
# Description:    PCMDI Software System browser to set graphics method
#                  attributes popup.
#
# Version:        4.0
#
#####
#-----
# NOTE: need to use version of Python that imports Tkinter and Pmw
#-----
```

## ***Modules***

<a href="#">Numeric</a>	<a href="#">gui support.gui color</a>	<a href="#">browser.gui message</a>	<a href="#">sys</a>
<a href="#">Tkinter</a>	<a href="#">browser.gui control</a>	<a href="#">math</a>	<a href="#">types</a>
<a href="#">cdms</a>	<a href="#">browser.gui functions</a>	<a href="#">os</a>	<a href="#">vcs</a>
<a href="#">cdtime</a>	<a href="#">browser.gui menu</a>	<a href="#">string</a>	<a href="#">browser.vcs function</a>

## ***Classes***

- [boxfill attributes](#)
- [continents attributes](#)
- [contour levels](#)
- [meshfill attributes](#)
- [note book](#)
- [oneD attributes](#)
- [outfill attributes](#)
- [outline attributes](#)

scatter attributes  
vector attributes  
browser.gui\_taylor.TDGui  
taylor attributes

class ***boxfill\_attributes***

Methods defined here:

***\_\_init\_\_***(self, page, parent, re\_plot\_flag=1, gm=None)

***boxfill\_clear***(self)

***boxfill\_replot***(self, parent)

***evt\_boxfill\_linear\_log***(self, parent, tag)

***get\_settings***(self)

***reset\_boxf\_attributes***(self)

class ***continents\_attributes***

Methods defined here:

***\_\_init\_\_***(self, page, parent, re\_plot\_flag=1, gm=None)

***cont\_replot***(self, parent)

***get\_settings***(self)

***persistant\_set***(self)

***reset\_cont\_attributes***(self)

class ***contour\_levels***

Methods defined here:

***\_\_init\_\_***(self, page, parent, re\_plot\_flag=1, gm=None, gm\_name=None)

***contour\_clear***(self)

***contour\_gen\_ranges***(self, parent)

***contour\_replot***(self, parent)

***evt\_contour\_linear\_log***(self, parent, tag)

***get\_settings***(self)

*reset\_contour\_attributes*(self)

class *meshfill\_attributes*

Methods defined here:

*\_\_init\_\_*(self, page, parent, re\_plot\_flag=1, gm=None)

*get\_settings*(self)

*meshfill\_clear*(self)

*meshfill\_replot*(self, parent)

*reset\_meshf\_attributes*(self)

class *note\_book*

```
#-----  
#  
# Start of Popup Dialog  
#  
#-----  
# VCS User Define Contour Levels Popup  
#-----
```

Methods defined here:

*\_\_init\_\_*(self, parent)

*apply*(self, parent, notebook\_page, graphics\_method)

*execute*(self, parent, result)

*hold\_gm\_original\_attr\_settings*(self)

*persistant\_set*(self)

*reset\_gms\_to\_original\_settings*(self, parent, notebook\_page, graphics\_method)

class *oneD\_attributes*

Methods defined here:

*\_\_init\_\_*(self, page, parent, re\_plot\_flag=1, gm=None)

*get\_settings*(self)

*oneD\_clear*(self, parent)

*oneD\_replot*(self, parent)  
*reset\_oneD\_attributes*(self)

class *outfill\_attributes*

Methods defined here:

*\_\_init\_\_*(self, page, parent, re\_plot\_flag=1, gm=None)  
*get\_settings*(self)  
*outf\_replot*(self, parent)  
*outfill\_clear*(self)  
*reset\_outf\_attributes*(self)

class *outline\_attributes*

Methods defined here:

*\_\_init\_\_*(self, page, parent, re\_plot\_flag=1, gm=None)  
*get\_settings*(self)  
*outl\_replot*(self, parent)  
*outline\_clear*(self)  
*reset\_outl\_attributes*(self)

class *scatter\_attributes*

Methods defined here:

*\_\_init\_\_*(self, page, parent, re\_plot\_flag=1, gm=None)  
*get\_settings*(self)  
*reset\_scat\_attributes*(self)  
*scat\_replot*(self, parent)

class *taylor\_attributes*([browser.gui\\_taylor.TDGui](#))

Methods defined here:

*\_\_init\_\_*(self, page, parent, vcs=None, gm\_name='ASD')

---

Methods inherited from browser.gui\_taylor.TDGui:

*get\_settings*(self)  
*gui\_addMarker*(self)  
*gui\_addMarkerInGui*(self, row)  
*gui\_copyMarkers*(self)  
*gui\_deleteMarkers*(self)  
*gui\_generateInterfaceGui*(self)  
*gui\_generateLabelsGui*(self)  
*gui\_generateMarkersGui*(self)  
*gui\_start*(self)  
*gui\_updateMarkers*(self)  
*updateInterface*(self)  
*updatearrow*(self, \*args)

class *vector\_attributes*

Methods defined here:

*\_\_init\_\_*(self, page, parent, re\_plot\_flag=1, gm=None)  
*get\_settings*(self)  
*reset\_vector\_attributes*(self)  
*vector\_replot*(self, parent)

## *Functions*

```
return_float_None(val)
#-----
#
# End set graphics methods popup dialog
#
#-----

return_int_None(val)
```



*round\_number*(N)

*sign*(N)



## *Data*

*Pmw* = <Pmw.Pmw\_1\_2.lib.PmwLoader.PmwLoader instance>